

BRANDON AND BYSHOTTLES URBAN DISTRICT  
COUNCIL



# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH  
AND OTHER RECORDS

FOR 1964

R. GORDON DRUMMOND, M.B., Ch.B., D.P.H.

*Medical Officer of Health*



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## MEMBERS OF COUNCIL 1964-65.

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The Health Committee comprises all members of the Council, the Chairman and Vice-Chairman of the Council being the Chairman and Vice-Chairman of the Health Committee,

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COUNCIL OFFICES,  
6 GOATBECK TERRACE,  
LANGLEY MOOR,  
DURHAM.

*Telephone : Meadowfield 251 and 334.*

*To the Chairman and Members of the Health Committee.*

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting my Annual Report for 1964.

At first sight the statistics relating to the health of the population of the District are disappointing—the birth rate has fallen slightly, the death rate risen a little, the perinatal mortality rate increased. However, closer scrutiny shows that these changes are not of any consequence and the perinatal mortality rate is in reality, little different from the average over the previous ten years. Then, too, the infant mortality rate is low for this District, much below the average for the previous ten years and lower than that for Durham County as a whole. It is very pleasing that there was no maternal death.

In other ways the record is a satisfactory one. There was little infectious disease and none of a potentially serious nature from the standpoint of epidemic occurrence. The figures for tuberculosis are low and it is noteworthy that there were no deaths attributed to this disease.

Regarding environmental factors—the circumstances and conditions in which the people of the District live—the primary concern continues to be that of housing. Although much has been done, much remains to do.

The main emphasis must be to rehouse to decent conditions those families living in unfit houses. Then there are many houses which can be altered and improved and not the least improvement in some cases would be the making-up of the back street,



It is with pleasure that I thank you Mr. Chairman, Ladies and Gentlemen for your support and encouragement during the year, the Officers of the Council for their co-operation and the Chief Public Health Inspector, Mr. W. Telford, (the record of whose work is incorporated in this report) and the staff of the Health Department for their hard work and loyal assistance.

I have the honour to be,

Ladies and Gentlemen,

Your Obedient Servant,

R. GORDON DRUMMOND,

Medical Officer of Health.

# ANNUAL REPORT, 1964

## SUMMARY OF STATISTICS.

### *Live Births*

Number	...	...	...	...	...	...	318
Rate per 1,000 population	...	...	...	...	...	...	16.1

<i>Illegitimate Live Births</i> per cent of total live births	...	...	...	...	...	...	3.5
---------------------------------------------------------------	-----	-----	-----	-----	-----	-----	-----

### *Stillbirths.*

Number	...	...	...	...	...	...	11
Rate per 1,000 total live and stillbirths	...	...	...	...	...	...	33.4

<i>Total Live and Still Births</i>	...	...	...	...	...	...	329
------------------------------------	-----	-----	-----	-----	-----	-----	-----

<i>Infant Deaths</i> (deaths under 1 year)	...	...	...	...	...	...	7
--------------------------------------------	-----	-----	-----	-----	-----	-----	---

### *Infant Mortality Rates*

Total infant deaths per 1,000 total live births	...	...	...	...	...	...	22.0
Legitimate infant deaths per 1,000 legitimate live births	...	...	...	...	...	...	19.5
Illegitimate infant deaths per 1,000 illegitimate live births	...	...	...	...	...	...	90.9

<i>Neo-natal Mortality Rate</i> (deaths under 4 weeks per 1,000 live births)	...	...	...	...	...	...	9.4
------------------------------------------------------------------------------	-----	-----	-----	-----	-----	-----	-----

<i>Early Neo-natal Mortality Rate</i> (deaths under 1 week per 1,000 total live births)	...	...	...	...	...	...	9.4
-----------------------------------------------------------------------------------------	-----	-----	-----	-----	-----	-----	-----

<i>Perinatal Mortality Rate</i> (stillbirths and deaths under 1 week combined per 1,000 total live and stillbirths)	...	...	...	...	...	...	42.6
---------------------------------------------------------------------------------------------------------------------	-----	-----	-----	-----	-----	-----	------

### *Maternal Mortality* (including abortion)

Number of deaths	...	...	...	...	...	...	Nil
Rate per 1,000 total live and stillbirths	...	...	...	...	...	...	Nil

### *Deaths*

Number	...	...	...	...	...	...	241
Male	...	...	...	...	...	...	128
Female	...	...	...	...	...	...	113

<i>Death Rate</i> per 1,000 population (adjusted)	...	...	...	...	...	...	14.8
---------------------------------------------------	-----	-----	-----	-----	-----	-----	------

Area in Acres	...	...	...	...	...	...	8,224
---------------	-----	-----	-----	-----	-----	-----	-------

Population (Registrar General's Estimate)	...	...	...	...	...	...	19,530
-------------------------------------------	-----	-----	-----	-----	-----	-----	--------

Number of inhabited houses (end of 1964)	...	...	...	...	...	...	6,541
------------------------------------------	-----	-----	-----	-----	-----	-----	-------

Rateable Value (1st April, 1964)	...	...	...	...	...	...	£359,851
----------------------------------	-----	-----	-----	-----	-----	-----	----------

Sum represented by a penny rate	...	...	...	...	...	...	£1,371
---------------------------------	-----	-----	-----	-----	-----	-----	--------

### Registrar General's Area Comparability Factors :

Births	...	...	...	...	...	...	0.99
Deaths	...	...	...	...	...	...	1.20



## Section A.

### NATURAL AND SOCIAL CONDITIONS AND VITAL STATISTICS

#### 1. NATURAL AND SOCIAL CONDITIONS.

*Area*—8,224 acres. The District consists of seven wards ; it borders with the City of Durham, the Rural Districts of Durham and of Lanchester, and the Urban District of Crook and Willington.

*Industries*—Mainly coal-mining and agriculture.

*Population*—The Registrar General's estimate of the mid-year population is 19,530 a decrease of 360 from 1963.

*Inhabited Houses*—According to the Rate Books, the number of inhabited houses in the district is 6,541

#### 2. VITAL STATISTICS.

*Registrar General's Area Comparability Factors*—These figures are a means of adjusting the rates for births and deaths so that the population of the District is directly comparable with the population of England and Wales as a whole, in so far as distribution by age and sex is concerned. The adjusted rates are those to be compared with the rates for England and Wales and with the similarly adjusted rates for other areas.

*Births*—During the year there were registered 158 male births and 160 female. Of this total of 318, 11 were illegitimate. There were 55 fewer births than in 1963. The birth rate (adjusted) of 16.1 is lower than the rate for last year (18.6).

Table II shows the Live and Still Birth Rates in comparison with those for England and Wales, and for the Administrative County of Durham. Table III shows rates over the past ten years.

*Deaths*—241 deaths were registered during the year, 128 males and 113 females.

The Death Rate (adjusted) of 14.8 is little changed from the similarly adjusted rate in the previous year. Tables II and III show comparisons with rates for County Durham and for England and Wales.

Table IV shows the individual causes of death. Diseases of the Circulatory System accounted for about 44% and Cancer for about 16% of the deaths registered. The corresponding figures for 1963 were 36% and 18%.

Cancer of the lung and bronchus accounted for eleven deaths, all males. The corresponding figures over the past years were :—

		1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Males	...	9	4	6	5	7	7	4	10	12	11
Females	...	2	—	—	1	2	1	—	1	—	—

The figures indicate clearly that the disease affects males especially. Throughout the country there continues to be recorded an increase in this cause of death. While there may be several factors influencing this increase, there has been demonstrated a close relationship with cigarette smoking.

*Infant Mortality*—(Deaths of children under one year of age). seven children died before reaching one year of age (as did thirteen last year) the infant mortality rate being 22.0.

The rate for Durham County for 1964 is 22.9 and for England and Wales 20.0.

Too great significance should not be attached to a single rate because the numbers involved each year are small. Reference to Table III shows that the general trend over the years is downwards.

The actual numbers for the past 10 years are :—

1955 ...	...	10	1960...	...	13
1956 ...	...	19	1961...	...	13
1957 ...	...	9	1962...	...	8
1958 ...	...	10	1963...	...	13
1959 ...	...	8	1964...	...	7

Of the 7 children who died before reaching one year of age, 3 were less than four weeks old. The neo-natal mortality rate is 9.4 (in England and Wales it is 13.8).

The still birth rate (33.4) is above the rates for England and Wales and Durham County.

The peri-natal mortality is held to be a fairly sensitive indicator of the general social conditions prevailing in the area to which it relates, being affected by such factors as housing, sanitary conditions generally,

nutrition, and even climate. As such it merits close and continuing scrutiny. The peri-natal mortality rate is the total still births and deaths in the first week of life, per thousand total births and for the year under review is 42.5.

TABLE I

TABLE COMPARING PERINATAL RATES OF ENGLAND AND WALES, AND OF DURHAM COUNTY, WITH THOSE OF BRANDON AND BYSHOTTLES OVER THE PAST 10 YEARS.

Years.	Brandon U.D.C.	England and Wales.	Durham County.
1954	26.7	30.8	35.7
1955 ...	50.3	37.6	42.0
1956 ...	52.2	36.8	40.1
1957 ...	44.9	36.2	39.8
1958 ...	50.6	35.1	37.8
1959 ...	22.8	34.2	39.1
1960 ...	44.2	32.9	40.1
1961 ...	54.6	32.2	35.7
1962 ...	30.1	30.8	35.7
1963 ...	26.5	29.3	32.4
Mean for 10 years 1954-1963 ...	40.3	33.6	37.8
1964 ...	42.5	28.8	35.5

*Maternal Mortality*—There were no deaths during the year due to maternal causes.

The Maternal Mortality rate for County Durham for 1964 is 0.11 and for England and Wales it is 0.05.

TABLE II.

TABLE COMPARING CERTAIN RATES DURING THE YEAR 1963, OF ENGLAND, AND WALES, AND DURHAM COUNTY, WITH THOSE OF BRANDON AND BYSHOTTLES.

	Birth Rate per 1,000 population Live Births	Death Rate per 1,000 population All Causes	Still Births per 1,000 total Live and Still Births	Infant Mortality Rate per 1,000 Live Births
England and Wales ...	18.4	11.3	16.3	20.0
Administrative County of Durham ...	18.3	10.9	20.0	22.9
Brandon & Byshottles ...	16.1	14.8	33.4	22.0



TABLE III

VITAL STATISTICS FOR THE DISTRICT FOR 1964 AND PREVIOUS YEARS  
COMPARATIVE TABLE WITH ENGLAND AND WALES AND WITH DURHAM COUNTY  
FOR PAST TEN YEARS

YEARS	Birth Rate per 1000 population			Death Rate per 1000 population			Infant Mortality Rate per 1000 Live Births		
	Branson UDC	England & Wales	Durham Co.	Branson UDC	England & Wales	Durham Co.	Branson UDC	England & Wales	Durham Co.
1954 ...	16.8	15.2	17.7	12.4	11.3	11.5	32.6	25.5	31.0
1955 ...	17.8	15.0	17.2	12.9	11.7	11.2	27.9	24.9	32.0
1956 ...	19.9	15.6	17.8	12.5	11.7	11.3	47.2	23.8	27.0
1957 ...	18.7	16.1	18.4	13.5	11.5	11.3	23.8	23.0	27.1
1958 ...	19.7	16.4	18.6	14.6	11.7	11.3	24.9	22.5	25.4
1959 ...	21.2	16.5	18.0	13.3	11.6	10.9	18.5	22.2	27.0
1960 ...	19.3	17.1	18.5	13.0	11.5	11.5	32.9	21.7	28.0
1961 ...	17.6	17.4	18.2	13.5	12.0	11.2	36.6	21.4	23.4
1962 ...	19.2	18.0	18.6	13.9	11.9	11.6	20.7	21.4	26.0
1963 ...	18.6	18.2	18.2	14.4	12.2	11.6	34.8	20.9	22.5
Mean for 10 years 1954-1963	18.9	16.6	18.1	13.4	11.7	11.3	30.0	22.7	26.9
1964 ...	16.1	18.4	18.3	14.8	11.3	10.9	22.0	20.0	22.9

TABLE IV

CAUSES OF DEATH DURING 1964

CAUSES OF DEATH	Total	Male	Female
ALL CAUSES ... ..	241	128	113
Tuberculosis Respiratory ... ..	—	—	—
Tuberculosis Other... ..	—	—	—
Syphilitic Disease ... ..	—	—	—
Diphtheria ... ..	—	—	—
Whooping Cough ... ..	—	—	—
Meningococcal Infections ... ..	—	—	—
Acute Poliomyelitis ... ..	—	—	—
Measles ... ..	—	—	—
Other infective and parasitic diseases ... ..	—	—	—
Malignant Neoplasm Stomach ... ..	8	4	4
„ Lung and Bronchus ... ..	11	11	—
„ Breast ... ..	3	—	3
„ Uterus ... ..	—	—	—
Other Malignant and Lymphatic Neoplasms ... ..	18	8	10
Leukemia and Aleukemia ... ..	—	—	—
Diabetes ... ..	—	—	—
Vascular Lesions of Nervous System ... ..	36	21	15
Coronary Disease Angina ... ..	53	30	23
Hypertension with heart disease ... ..	6	2	4
Other Heart Disease ... ..	35	16	19
Other Circulatory Diseases ... ..	12	3	9
Influenza ... ..	—	—	—
Pneumonia ... ..	13	8	5
Bronchitis ... ..	10	7	3
Other Disease of Respiratory System ... ..	3	3	—
Ulcer of Stomach and Duodenum ... ..	—	—	—
Gastritis, Enteritis and Diarrhoea ... ..	2	1	1
Nephritis and Nephrosis ... ..	1	1	—
Hyperplasia of Prostate ... ..	4	4	—
Pregnancy, Childbirth, Abortion ... ..	—	—	—
Congenital Malformations ... ..	—	—	—
Other defined and ill-defined Diseases ... ..	16	7	9
Motor Vehicle Accidents ... ..	2	1	1
All other accidents ... ..	5	—	5
Suicide ... ..	3	1	2
Homicide and operations of War ... ..	—	—	—

TABLE V

DEATHS AT VARIOUS AGE PERIODS

AGES	Under 4 wks.	4 wks. - 1 yr.	1-	5-	15-	25-	35-	45-	55-	65-	75 over	Total.
Males ...	2	1	—	—	1	3	—	9	28	44	40	128
Females ...	1	3	—	—	—	—	2	6	16	27	58	113
TOTAL ...	3	4	—	—	1	3	2	15	44	71	98	241

TABLE VI  
INFANT MORTALITY, 1964.

Cause of Death.	Under 1 week.	1—2 weeks.	2—3 weeks.	3—4 weeks.	Total under 1 month.	1—3 months.	3—6 months.	6—9 months.	9—12 months.	Grand Total.
Pneumonia ...	—	—	—	—	—	2	—	—	1	3
Prematurity ...	3	—	—	—	3	—	—	—	—	3
Acute Infection ...	—	—	—	—	—	1	—	—	—	1



**Section B.****GENERAL PROVISION OF HEALTH SERVICES****1. PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY***Telephone Number—*

Meadowfield 251 and 334.

Public Health Department,  
Council Offices,  
6, Goatbeck Terrace,  
Langley Moor,  
Durham.Medical Officer of Health—R. GORDON DRUMMOND, M.B., Ch.B.,  
D.P.H., also Medical Officer of Health, City of Durham,  
and Rural District of Durham; Assistant County Medical  
Officer, County Durham.Senior Public Health Inspector—WILLIAM TELFORD, M.A.P.H.I.,  
A.R.S.H.Additional Public Health Inspector—KENNETH ROBERTSHAW,  
M.A.P.H.I.

Clerical Staff—

Mr. John George Bulmer—Chief Clerk.

Miss Marian Cook, S/T., Clerical Assistant.

Miss Anne Landale Pearson, Clerical Assistant.

**2. LABORATORY SERVICES.**

(i) Dryburn Hospital, Department of Pathology.

(ii) Public Health Laboratory, Newcastle General Hospital  
Westgate Road, Newcastle upon Tyne, 4.

(iii) County Analyst, County Hall, Durham.

**3. GENERAL MEDICAL SERVICES**Durham County Executive Council, Green Lane, Old Elvet,  
Durham.Seven doctors in general medical practice reside in the District, and  
in addition there are a number (about 17) whose practices lie in part of  
the District but who reside outside it.**4. NEWCASTLE REGIONAL HOSPITAL BOARD.**

Headquarters: Benfield Road, Newcastle, 6.

**5. DURHAM HOSPITAL MANAGEMENT COMMITTEE,**  
Dryburn Hospital, Durham.**(a) General**

(i) Dryburn Hospital, Durham.

(ii) County Hospital, Durham.

(iii) St. Margaret's Hospital, Durham (Long Stay).

(b) *Maternity*

Dryburn Hospital.

(c) *Infectious*

(i) Chester-le-Street Isolation Hospital.

(ii) Langley Park Isolation (Emergency Fever Reserve).

(d) *Tuberculosis*

(i) Chest Clinic, Dryburn Hospital.

(ii) Isolation Hospital, Chester-le-Street.

(iii) Mass Miniature Radiography Unit, General Hospital, Newcastle.

(iv) Static Mass Radiography Unit, Dryburn Hospital, Durham.  
Open to general public :—

Monday	} 10 a.m. - 12.30 p.m. and 2 p.m. - 4 p.m.
Tuesday	
Wednesday	
Thursday	2 p.m. - 4 p.m. and 5 p.m. - 7.30 p.m.
Friday	10 a.m. - 12.30 p.m. and 2 p.m. - 4 p.m.

(e) *Mental*

(i) Winterton Hospital, Sedgefield.

(ii) Aycliffe Hospital.

(iii) Prudhoe and Monkton Hospital.

(iv) Earl's House Hospital.

(f) *Pre-Convalescent*

Brandon Hospital.

(g) *Venereal Disease Clinic*

General Hospital, Newcastle upon Tyne.

## 6. HEALTH SERVICES PROVIDED BY DURHAM COUNTY COUNCIL.

(a) *School Health Service.*

There are 18 schools in the District, 14 primary, 3 modern and 1 nursery. There is one Central Kitchen of the School Meals Service.

(b) *Ambulance Service.*

The District is served from the Ambulance Control at Ambulance Headquarters, Framwellgate Moor, Durham, where there are fourteen ambulances, six of the conventional type and eight are dual purpose vehicles. During the year 49,036 persons within No. 7 Area used this service, 8,019 were stretcher cases and 41,017 were sitting cases. Journeys covering 302,652 miles were made. (These figures include work done in the Durham Rural

District and the Municipal Borough). In an emergency any responsible person may summon an ambulance by telephone, by asking to be connected to the nearest Ambulance Control. (No telephone number need be given).

(c) *Health Visiting.*

Visits made by health visitors :

(a)	Maternity and child welfare	...	...	4,798
(b)	Tuberculosis	...	...	146
(c)	General health	...	...	256
(d)	Mentally sub-normal	...	...	174
(e)	School	...	...	260
(f)	Aged people	...	...	595

Three Health Visitors cover the area of the District.

(d) *Home Nursing.*

Visits made by Nurses :

			<i>Cases.</i>	<i>Visits.</i>
(a)	Medical cases	...	353	9,173
(b)	Surgical cases	...	146	3,348
(c)	Tuberculosis cases	...	15	1,077
(d)	Maternal complications	...	—	—

There are four nurses providing this service in the District.

(e) *Domiciliary Midwifery.*

Births attended by County Midwives :

Total births (live and still)	...	...	197
Cases attended as midwife and nurse	...	...	197
Hospital patients discharged home before 10th day	...	...	64
Total cases attended	...	...	261

(f) *Domestic Help.*

This is provided for households where such help is required owing to the presence of any person who is, ill, an expectant mother lying-in, mentally subnormal, aged or a child not over school age.

No. of home helps employed during year	...	119
Cases attended 1st January, 1964	...	155
New cases during year	...	85
Cases terminated during year	...	67
Cases attended on 31st December, 1964	...	173

Number of cases provided during year.

(a)	Maternity (including expectant mothers)	1
(b)	Tuberculosis	1
(c)	Chronic sick (including aged and infirm)	236
(d)	Others	2

(g) *Vaccination and Immunisation.*(h) *Care of Mothers and Young Children.*

## (i) Child Welfare Centres :

Brandon—1, Frederick Street South, Meadowfield.  
 Esh Winning—10, Wood View, Esh Winning.

## (ii) Artificial Sunlight Clinics :

Durham.

## (iii) Birth Control Clinics :

Durham.

## (iv) Post Natal Clinics :

Durham.

(i) *Prevention of Illness—Care and After-care.*

One of the services provided under this section is the lending of equipment and appliances such as nursing equipment and invalid chairs. A store of these is maintained at County Hall, Durham. 109 patients in the District were supplied with nursing equipment during the year 1964.

(j) *Mental Health.*

Number of persons registered as mentally subnormal 91

Number of persons under supervision in their own homes 70

Number of persons in hospitals for the mentally subnormal 21

(k) *Welfare Services,*

Residential accommodation is provided for persons who, by reason of age, infirmity or other circumstances, are in need of care and attention which is not otherwise available to them. Services are provided for blind persons and other handicapped persons.

The figures given below indicate the extent of this service.

	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
No. of Blind persons on register	16	19	35
No. of partially sighted persons on the register ... ..	5	3	8
No. of deaf and dumb persons on the register ... ..	5	5	10
No. of hard of hearing persons on the register ... ..	3	4	7
No. of physically handicapped persons on the register ...	21	16	37



The number of persons maintained in residential accommodation was 24.

6 persons were on the waiting list for residential accommodation at the end of the year.

## 7. NATIONAL ASSISTANCE ACTS, 1948 AND 1951.

No statutory action was taken during the year involving Section 47 relating to removal of persons in need of urgent care and attention.

## 8. CHIROPODY FOR OLD PEOPLE.

This was the eighth year of operation of the Chiropody Clinics for old people which were established, with the assistance of the Council, at the two centres in the District, Brandon and Esh Winning and the third year of operation for the Chiropody Clinic at New Brancepeth.

The British Red Cross Society furnished the equipment and provides the help necessary in running the clinics.

In each case two sessions are held per week, eight patients being treated at each session. The cost to each patient, formerly 2/- per treatment, was discontinued in August when Durham County Council assumed responsibility for the total cost of the scheme.

Details relative to each clinic are as follows :—

### *Brandon Chiropody Scheme.*

The clinic is held in the Brandon Communal Hall, the scheme being operated by Brandon and District Voluntary Committee for the Welfare of the Aged.

No. on Books on January 1st, 1964	...	...	...	167
No. of new patients	...	...	...	14
No. on Books on December 31st, 1964	...	...	...	181
No. of days on which sessions held	...	...	...	102
No. of sessions	...	...	...	102
Possible number of treatments	...	...	...	817
Treatments given (93% of possible)	...	...	...	765
Missed appointments	...	...	...	63
Red Cross Voluntary Aid in hours	...	...	...	258

Bookings for treatment have to be made about six weeks ahead.

*Esh Winning Chiropody Scheme.*

The clinic is held in the Esh Winning Communal Hall and the scheme operated by the Esh Winning Voluntary Committee for the Welfare of the Aged.

No. on Books on 1st January, 1964	...	...	...	138
New Patients	...	...	...	12
No. on Books on 31st December, 1964	...	...	...	148
No. of days on which sessions held	...	...	...	52
No. of sessions	...	...	...	104
Possible treatments	...	...	...	832
Treatments given (98% of possible)	...	...	...	814
Missed appointments	...	...	...	18
Red Cross Voluntary Aid in hours	...	...	...	486

Bookings for appointments are made about six weeks ahead.

*New Brancepeth Chiropody Scheme.*

The clinic is held in the Village Hall, the scheme being operated by New Brancepeth Voluntary Committee for the Welfare of the Aged.

No. on Books on 1st January, 1964	...	...	...	52
No. of new patients	...	...	...	7
No. on Books on 31st December, 1964	...	...	...	59
No. of days on which sessions held	...	...	...	36
No. of sessions	...	...	...	36
Possible number of treatments	...	...	...	288
Treatments given (95% of possible)	...	...	...	273
Missed appointments	...	...	...	15
Red Cross Voluntary Aid in hours	...	...	...	144

*Comment.*

The three Chiropody Clinics continue to render excellent service as the figures show. During the year Durham County Council, as local health authority, accepted responsibility for the financial aspects of the scheme.

## 9. DOMICILIARY LAUNDRY SERVICE FOR OLD PEOPLE.

This service which was commenced during 1957 has the aim of helping elderly sick people in the Area. It is provided by the British Red Cross Society, the Hospital Authority and the Local Health Authority acting in conjunction.



Mrs. Grime of the British Red Cross Society who continues to undertake the administration and control of this service, advises me that 14 households (in the area of the three districts) were being served at the beginning of 1964 and there were 13 households at the end of the year.

The service continues to be a most useful one and as with so many services for the elderly, many of the old people who benefit from it, welcome not only the service but the fact of the regular visit for laundry collection. This is some relief to their loneliness.

#### 10. MEALS ON WHEELS.

The Meals on Wheels Service for elderly people in the District operated by the Women's Voluntary Service on behalf of the Council, which had commenced in 1962, continued to operate well throughout the year.

It provided hot mid-day meals on two days a week to 36 persons at a cost of 1/- for each meal. The meals are obtained at two factory canteens in Langley Moor (Messrs. Hirst and Thackway and Messrs. Morley). One of the Council's vans is used to distribute the meals.

Durham County Council contributed 50% of the cost of the equipment initially and contributes 50% of the operating costs, the other 50% being borne by this Council.

In order that the scheme should work to best advantage it is necessary for this office to be informed of the names of all old persons whom it might be thought could participate. Only in this way is it possible for the most needy to be selected—itself quite a task sometimes because of the difficulty of assessing degrees of "need" in such circumstances.

## Section C.

### PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Table VII shows the number of infectious diseases notified during the year.

#### SCARLET FEVER.

There were twenty-six cases notified compared with twelve in the previous year. Only one case was admitted to hospital.

#### WHOOPING COUGH.

There were 15 cases notified (20 in 1963). None were admitted to hospital and no deaths were assigned to this disease.

#### ACUTE POLIOMYELITIS.

There were no cases during the year.

Vaccination against poliomyelitis was continued, at Maternity and Child Welfare Centres, at clinic sessions held in these centres and by general medical practitioners in their surgeries under their own arrangements.

Poliomyelitis Vaccination No. 7 Area—year ended 31st December, 1964.

#### PRIMARY IMMUNISATION.

Age Group.	Number of persons who have received :		Total (3)
	Second injection Salk Vaccine (1)	Third dose of Oral Vaccine (2)	
(a) Children born in 1964 ...	—	17	17
(b) Children born in 1963 ...	41	58	99
(c) Children born in 1962 ...	6	18	24
(d) Children born in 1961 ...	2	7	9
(e) Children and young persons born in years 1943-1960 ...	—	12	12
(f) Young persons born in years 1933-42... ..	2	6	8
(g) Others ... ..	—	3	3
(h) Total ... ..	51	121	172

## REINFORCING DOSES.

(a) Number of persons given third injections of Salk Vaccine			17
(b) Number of persons given fourth injections of Salk Vaccine			6
(c) Number of persons given a reinforcing dose of oral vaccine after :	(i)	2 Salk doses	11
	(ii)	3 Salk doses or 3 Oral doses or 2 Salk doses plus 2 Oral doses	60

## MEASLES.

127 cases were notified, as against 490 last year. The cases were, in the main, mild in character and no deaths were attributed to the disease.

## DIPHTHERIA.

For the tenth year in succession there were no cases in the District. 1,034 children under 5 years of age had completed a full course of immunisation against the disease by the end of the year. An estimate of the number of children under 5 years old in the District is 1,774 of whom approximately 212 would be under 8 months old, the age from which immunisation is usually undertaken. The proportion immunised therefore is only about 66%.

These are low figures and it must be emphasised again that absence of cases of diphtheria here does not indicate any lessening of the need for immunisation of children.

The County Medical Officer arranges that propaganda leaflets drawing attention to the need for children to be protected against smallpox, whooping cough and diphtheria are sent to parents by post when their children attain the age of three months. Further propaganda regarding immunisation against diphtheria is despatched when children are one year old and again at four years, nine months. All such propaganda gives details of the facilities available for vaccination and immunisation.

## DYSENTERY.

There were no cases notified.

## PARATYPHOID FEVER.

There were no cases notified.

## FOOD POISONING.

There were no cases.

## TUBERCULOSIS.

The number of new cases notified is 9 compared with 6 in the previous year. Of the 9 cases notified, 8 were of the pulmonary form. Table XI shows the distribution of age groups. There were no deaths from the pulmonary form as against 2 last year. Table XII shows the number of new cases and deaths over the previous ten years.

These figures are satisfactory and the table appears to illustrate a downward trend over the years.

B.C.G. Vaccination against tuberculosis of school children over the age of eleven years attending schools in the District was continued during the year. The Heaf Multiple Puncture Skin Test was used. The following table shows the numbers involved.

TABLE VII.

## B.C.G. VACCINATION OF SCHOOL CHILDREN

No. of consents.	Given Skin Tests.		Positive Reactors.		Negative Reactors Given B.C.G.		No. absent at time of readings.	
	No.	%	No.	%	No.	%	No.	%
242	220	90.9	18	8.2	186	84.6	13	5.9



TABLE VIII

NOTIFIABLE DISEASES REPORTED DURING THE YEAR.

	Number of cases Notified			Deaths		
	1962	1963	1964	1962	1963	1964
Scarlet Fever ... ..	1	12	26	—	—	—
Whooping Cough ... ..	10	20	15	—	—	—
Acute Poliomyelitis :						
Paralytic ... ..	1	—	—	—	—	—
Non-Paralytic ... ..	—	—	—	—	—	—
Measles ... ..	107	490	127	—	—	—
Diphtheria ... ..	—	—	—	—	—	—
Acute Pneumonia ... ..	11	11	2	15	16	13
Dysentery ... ..	—	—	—	—	—	—
Smallpox ... ..	—	—	—	—	—	—
Acute Encephalitis :						
Infective ... ..	—	—	—	—	—	—
Post Infective ... ..	—	—	—	—	—	—
Enteric or Typhoid Fever ... ..	—	—	—	—	—	—
Paratyphoid Fever ... ..	—	—	—	—	—	—
Erysipelas ... ..	2	—	—	—	—	—
Meningococcal Infection ... ..	—	—	—	—	—	—
Food Poisoning ... ..	—	1	—	—	—	—
Puerperal Pyrexia ... ..	—	2	—	—	—	—
Ophthalmia Neonatorum ... ..	—	—	—	—	—	—

TABLE IX

# ANALYSIS OF CASES OF SCARLET FEVER, WHOOPING COUGH, MEASLES AND POLIOMYELITIS

[illegible]

TABLE X

DIPHTHERIA 1964	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	TOTAL
Primaries ...	1	—	—	3	1	1	2	3	21	19	5	9	19	175	80	339
Booster ...	1	—	—	1	—	1	4	9	44	85	15	5	46	24	—	235
WHOOPING COUGH																
Primaries ...	1	—	—	3	1	1	2	1	3	5	5	9	19	175	80	305
Boosters ...	1	—	—	1	—	1	1	7	19	39	11	1	34	23	—	138
TETANUS																
Primaries ...	3	2	—	3	1	1	3	3	21	24	5	9	18	175	80	348
Boosters ...	2	2	—	1	—	1	—	9	27	67	15	6	46	24	—	200

## DIPHTHERIA IMMUNISATION

Number of children who had completed a full course of immunisation at any time up to 31st December, 1964.		Records received during the year of full courses of primary immunisation			Records received during the year of reinforcing injections.		
Under 5	5—15	Under 5	5—15	TOTAL	Under 5	5—15	TOTAL
1,034	2,526	288	51	339	90	145	235



TABLE XI  
TUBERCULOSIS

Age Group	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 ...	—	—	—	—	—	—	—	—
Under 5 ...	1	1	—	—	—	—	—	—
5—14 ...	—	—	—	—	—	—	—	—
15—24 ...	1	1	—	1	—	—	—	—
25—44 ...	1	—	—	—	—	—	—	—
45—64 ...	2	1	—	—	—	—	—	—
65 Upwards ...	—	—	—	—	—	—	—	—
Age Unknown ...	—	—	—	—	—	—	—	—
Total ...	5	3	—	1	—	—	—	—

TABLE XII

TUBERCULOSIS  
NEW CASES AND DEATHS OVER TEN YEARS.

	Cases.		Deaths	
	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary
1954	14	1	3	—
1955	9	2	5	—
1956	16	1	1	1
1957	11	1	5	—
1958	7	1	3	—
1959	11	1	4	—
1960	4	1	2	—
1961	6	—	—	—
1962	4	1	2	—
1963	6	—	2	1
Mean for ten years 1953-1962	8.8	0.9	2.7	0.1
1964	8	1	—	—

**Section D.****ANNUAL REPORT OF THE PUBLIC HEALTH  
INSPECTOR.**

To the Medical Officer of Health,

I have pleasure in presenting my Annual Report on the activities of the Public Health Inspector's Department for the year, 1964.

The clearance of unfit houses is still of major importance in the area. Rehousing of the families in the Langley Moor Clearance Area has continued. Preparation work for another Area of 60 houses at Browney was commenced. To assist the programme all owners of back-to-back houses were asked to give undertakings not to relet these houses as they become vacant; and the result has been most gratifying. Where such properties are structurally sound the owners are encouraged to convert them into through houses and 16 back-to-backs have been made into 8 through houses during the year.

All carcases and organs of animals slaughtered in the four slaughter-houses in the Area have been inspected and marked in accordance with the Meat Regulations.

A baker was successfully prosecuted for selling a loaf of bread with a foreign body in it.

The Public Cleansing Service functioned satisfactorily during the year, although some difficulties have arisen due to the number of man hours lost due to sickness.

The Offices, Shops and Railway Premises Act, 1963, which has come into operation during the year is another major additional duty placed on the Health Department.

The many varied duties continue to increase, but as a result of the willing co-operation and personal efforts of each member of the staff the department has continued to function in an efficient manner.

I remain,

Yours faithfully,

W. TELFORD,

Senior Public Health Inspector.

## 1. WATER SUPPLY.

The district is supplied chiefly by the Durham County Water Board and a small area by the Sunderland and South Shields Water Company. These supplies have been satisfactory both in quality and quantity during the year.

Mr. A. C. Wildsmith, Chief Engineer of Durham County Water Board has kindly supplied the following information about the Board's supply during the year.

The last 6 months of 1964 were extremely dry and indeed the whole year was drier than average, some of the Board's rain gauges measuring as little as 77% of the long term average. This lack of rainfall caused considerable difficulties towards the end of the year. All the Board's reservoirs were affected and those at Tunstall, Waskerley, Smiddy Shaw and Hisehope fell to points below the 1959 levels. At the same time, the consumption in the Board's area increased by 0.5 m.g.d. to a total for the year of 15.76 m.g.d. The whole of this increase was in respect of metered consumption, the unmetered consumption being virtually unchanged. Based on the present estimated population of 410,000 the consumption per head per day is 38.44 gallons, 24.91 being unmetered and 13.53 metered.

During the year, 1706 bacteriological samples were taken, 903 of these being from the Board's distribution system.

### CLASSIFICATION OF DISTRIBUTION SAMPLES ACCORDING TO MINISTRY OF HEALTH NON-CHLORINATED PIPED SUPPLIES.

Class I	...	...	...	...	75.1%
Class II	...	...	...	...	18.2%
Class III	...	...	...	...	2.1%
Class IV	...	...	...	...	4.6%

#### Percentage

free from *Escherichia Coli* (Bact.Coli.Type I)—96.2%.

A few isolated houses depend on private supplies and the following table gives details of these :—

**TABLE XIII**  
**DETAILS OF PRIVATE WATER SUPPLIES**

Property	Source of Supply.	Remarks.
1. 4 Farms ... ..	Spring	These farms receive their water supply from a spring situated near Weather Hill. The water is first pumped to a collecting tank, and then piped to the farms after chlorination.
2. 4 Dwelling Houses...	Spring	Spring water piped to open reservoir and then piped to the four houses on the Estate. Each house has a filter inside the house
3. 1 Dwelling House ...	Spring	Spring water piped to house.

Thirteen samples of water were forwarded to the Department of Pathology, Dryburn Hospital, Durham, for bacteriological examination. The results, graded in accordance with the Ministry of Health Report on Bacteriological Examination of Water Supplies, 1949, are as follows :—

**TABLE XIV**

	Grade I.	Grade II.	Grade III.	Grade IV.	Total.
Public Mains Supply ...	1	—	—	—	1
Other Sources of Supply ...	8	1	1	2	12
Totals ... ..	9	1	1	2	13



## 2. SANITARY ACCOMMODATION.

(a) The number of sanitary conveniences in the District at the end of 1964 was as follows :

			<i>Water Closets.</i>	<i>Ash Closets.</i>	TOTAL.
Broompark Ward	...	...	112	93	205
Central Ward	...	...	1,528	31	1,559
East Ward	...	...	792	96	888
North Ward	...	...	664	27	691
South Ward	...	...	674	193	867
Ushaw Ward	...	...	1,214	7	1,221
West Ward	...	...	1,517	61	1,578
			<hr/>	<hr/>	<hr/>
			6,501	508	7,009
			<hr/>	<hr/>	<hr/>

266 of the ash closets are in property included in the Council's Slum Clearance programme and 163 will be demolished and 98 are back-to-back houses which may be converted to water carriage system in schemes of improvement.

## (b) W.C. CONVERSIONS.

The Council have continued to give financial assistance, by way of grants, to owners who carry out W.C. conversions but the number of applications received is small. During the year, 5 conversions (as compared with 6 last year) were carried out as follows :—

Broompark Ward	...	...	...	—
Central Ward	...	...	...	—
East Ward	...	...	...	3
North Ward...	...	...	...	—
South Ward	...	...	...	1
Ushaw Ward	...	...	...	—
West Ward	...	...	...	1
				<hr/>
				5
				<hr/>

### 3. SEWERAGE AND SEWAGE DISPOSAL.

#### *Esh Winning Sewerage and Sewage Disposal Scheme.*

This Joint Scheme (Lanchester R.D.C. and Brandon and Byshottles U.D.C.) was submitted to the Ministry of Housing and Local Government for consideration and approval in principle. On the 8th March, 1963, an Engineering Inspector of the Ministry, visited the area and carried out an investigation of this scheme. On the 16th April, 1963, the Ministry approved, in principle, the joint proposals for improving the sewerage and sewage disposal facilities in the upper part of the Deerness Valley. The Council's Consulting Engineers, are now preparing detailed plans, Bills of Quantities, etc. to enable tenders to be invited from Civil Engineering Contractors. On receipt of tenders, a firm estimate of cost for this scheme will be submitted to the Ministry of Housing and Local Government for consideration and to the Durham County Council.

### 4. SLUM CLEARANCE.

The Slum Clearance programme continues but progress is governed by the number of new houses provided for rehousing.

Preliminary work for the representation of a further clearance area at Browney Colliery is in hand.

Rehousing of tenants from the Langley Moor Clearance Area has continued throughout the year and 53 families have been displaced.

The Council are building one-bedroomed and two-bedroomed bungalows for rehousing purposes and families requiring large houses are accommodated by a voluntary exchange scheme. In this scheme elderly people in particular, whose families have left home leaving the house underoccupied, are given the tenancy of a new bungalow and the family house is used to rehouse a suitable family from Slum Clearance.

A total of 73 families have been rehoused from unfit houses during the year.

132 Individual Unfit Houses were dealt with and orders made as follows :—

- 24 Demolition Orders.
- 10 Closing Orders.
- 98 Undertakings.

#### *Back-to-Back Houses.*

Owners of back-to-back houses, which are structurally sound are being encouraged to convert them to through ventilation and provide amenities with grant aid.

During the year 16 back-to-back houses have been converted into 8 self-contained houses.



TABLE XV

TABLE SHOWING NUMBER OF HOUSES REQUIRED TO REHOUSE FAMILIES

(1) DISPLACED UNDER SLUM CLEARANCE SCHEME, (2) LIVING IN OVERCROWDED CONDITIONS,

(3) WITHOUT HOMES OF THEIR OWN, AND (4) HEALTH REASONS, ETC.

WARD	Total number of applications on housing lists	Number of "Live" applications on housing list				Applications from Persons living in Houses scheduled for Slum Clearance.		Number of Houses required to rehouse families displaced by Slum Clearance		Total Number of Houses required to provide for Slum Clearance and to rehouse persons with "Live" applications
		Over-crowded	Sub-Tenants	Health Reasons	Total	Declared Areas.	Scheduled Areas.	Phase 1	Phase 2	
Centre ...	107	2	26	7	35	—	5	—	20	55
East ...	115	1	8	10	19	—	33	45	149	213
South ...	103	—	15	6	21	—	40	66	41	128
Ushaw ...	76	—	7	3	10	—	—	—	—	10
North ...	40	1	10	1	12	—	—	—	13	25
Broompark ...	22	—	—	1	1	—	2	—	16	17
West ...	59	1	14	—	15	—	8	—	25	40
Totals ...	529	5	80	28	113	—	88	111	264	488

## 5. COUNCIL HOUSES.

Twelve 1.5 bedroomed Bungalows, and forty-one two bedroomed bungalows were built during the year for the re-housing of families from unfit houses. This work is carried out by the Council's direct labour force under the direction of F. Hedley, Esq., A.R.I.B.A., Architect/Surveyor to the Council.

TABLE XVI

TOTAL NUMBER OF COUNCIL HOUSES BUILT POST-WAR UP TO 31ST DECEMBER, 1964

FOR HOUSING NEED.

Housing Site.	2 Bedroom	3 Bedroom	4 Bedroom	Aged Persons Bungalows	Total
Brandon ... ..	260	304	4	90	658
Ushaw Moor ...	164	264	4	20	452
Esh Winning ...	193	163	5	54	415
New Brancepeth ...	56	28	—	4	88
Totals	673	759	13	168	1613

FOR SLUM CLEARANCE.

Housing Site.	1 Bedroom Bungalows	2 Bedroom Bungalows	2 Bed- room	3 Bed- room.	4 Bed- room.	Total.
Brandon ...	78	79	120	44	—	321
Esh Winning ...	19	—	68	32	6	125
New Brancepeth	7	—	16	8	—	31
Ushaw Moor ...	4	11	—	—	—	15
Totals ...	108	90	204	84	6	492

## 6. RENT ACT, 1957—CERTIFICATES OF DISREPAIR.

No applications were received for the issue of certificates of disrepair.

## 7. UNMADE BACK STREETS.

There were 37 unmade back streets on the Council's programme for making up and taking over. In addition there are a number of streets not included in the programme because they involve property scheduled for slum clearance.

Four of the 37 were completed during 1964 and 4 during 1963. The preparatory work was carried out for another five back streets.

## 8. COMMON LODGING HOUSES.

There are no registered common lodging-houses in the area.

## 9. FACTORIES ACT, 1937 AND 1948.

TABLE XVII  
FACTORIES INSPECTION

## 1. INSPECTIONS for purpose of provisions as to health (including inspections made by Public Health Inspector).

PREMISES	No. on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities ... ..	3	5	2	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ... ..	49	43	1	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ... ..	5	5	—	—
TOTAL ... ..	57	53	3	—

No persons were notified as outworkers.

## 10. OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

This Act provides for securing the health, safety and welfare of persons employed to work in office or shop premises and provides for securing the health, safety and welfare of persons employed to work in certain railway premises and amends certain provisions of the Factories Act, 1961. The main provisions came into operation on 1st August, 1964.

Registration of the premises has commenced but no other action has followed during the year under review. The administration of this Act and the enforcement of all its provisions would appear to entail a considerable amount of time and work.

## 11. CLEAN AIR ACT, 1956.

### *Colliery Spoil Bank, Brandon.*

This heap continued to burn and a meeting of representatives of the National Coal Board and the Council resulted in further measures being taken by the National Coal Board in an endeavour to control this nuisance.

### *Colliery Spoil Bank, Ushaw Moor.*

During the year signs of heating and firing were noticed in this disused spoil bank and this was brought to the attention of the owners.

### *Prior Approval Certificates.*

One Prior Approval Certificate was issued to Messrs. Rotoclave Limited for a new factory heating installation at Littleburn.

## 12. PRIVATE SWIMMING POOL.

### *Fill-and-Empty Swimming Baths, Lymington, Esh Winning.*

The bath continued to operate successfully during the year and limited classes of school children were admitted for a trial period, under the supervision of their schoolmasters.



## 13. INSPECTION AND SUPERVISION OF FOOD.

(a) *General.*

Premises where food is manufactured, prepared, sold or distributed have been visited as often as possible. During these visits special attention was given to the handling of open food, and informal advice on practices to conform to the Hygiene Regulations has been well received by the owners.

## FOOD AND DRUGS ACT, 1955—Section 2.

A local baker was successfully prosecuted for selling a loaf of bread on the underside of which a cigarette end had been baked. The bread was manufactured in a local bakehouse and retailed locally. The retailer was fined £10. 0s. 0d. with £11. 15s. 0d. costs.

(c) *Meat Inspection.*

Four slaughterhouses are licensed within the area as follows :

TABLE XVIII

Ward.				District.				No. of premises.
East	...	...	...	...	Langley Moor	...	...	2
South	...	...	...	...	Meadowfield	...	...	1
Ushaw	...	...	...	...	Ushaw Moor	...	...	1
				Total				4

One of these slaughterhouses is operated by a meat wholesaler and is in continuous use throughout each week, while two others are used about twice per week, and one infrequently (sheep only).

TABLE XIX

CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART

	Cattle excl. Cows	Cows	Calves	Sheep	Pigs	Horses	Total.
Number killed ... ..	398	1355	71	2320	1497	—	5641
Carcases inspected ... ..	398	1355	71	2320	1497	—	5641
All diseases except Tuberculosis and Cysticerci							
Whole carcasses condemned ... ..	2	5	3	3	4	—	17
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Weight of condemned carcasses ... ..	760	2060	152	132	410	—	3514
Carcases of which some part or organ was condemned ... ..	66	67	1	31	46	—	211
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Weight of condemned parts of organs ... ..	722	900	2	63	147	—	1834
Percentage of carcasses and/or organs inspected affected with disease other than T.B. ... ..	%	%	%	%	%	%	%
	17.09	5.31	5.63	1.04	3.34	—	4.04
Tuberculosis only							
Whole carcasses condemned ... ..	—	—	—	—	—	—	—
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Weight of condemned carcasses ... ..	—	—	—	—	—	—	—
Carcases of which some part or organ was condemned ... ..	—	2	—	—	4	—	6

## CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR PART—Contd.

	Cattle excl. Cows	Cows	Calves	Sheep	Pigs	Horses	Totals
Tuberculosis only ( <i>contd.</i> )	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Weight of condemned parts or organs ...	—	60	—	—	64	—	124
Percentage of the number inspected affected with T.B. ...	%	%	%	%	%	%	%
	—	0.15	—	—	0.27	—	0.11
Cysticercosis							
Carcases of which some part or organ was condemned ...	2	—	—	—	—	—	2
Carcases submitted to treatment by Refrig. ...	2	—	—	—	—	—	2
Generalised and totally condemned ...	—	—	—	—	—	—	—

Total weights of carcasses and offal condemned were as follows :—

Tuberculosis	...	...	124 lbs.
Other Causes	...	...	5415 lbs.
			<u>5539 lbs.</u>

From the table it will be observed that four pigs and two cows were affected by tuberculosis. The affected parts of the animals concerned were condemned and destroyed. All bovine animals sent into the slaughterhouses in this area are tuberculin tested and presumed clear of tuberculosis.

### *Cysticercus Bovis.*

Where cysticercus bovis is discovered in routine examination, the cysts are submitted to Doctor J. E. Ennis, Consultant Pathologist, Pathology Department, Dryburn Hospital, for confirmation prior to submission of the carcass for refrigeration for three weeks at 20° fahrenheit in accordance with the Meat Regulations.

### *(d) Disposal of Condemned Food.*

Carcasses of animals condemned are disposed of by arrangement with the City of Durham Corporation in their incinerator. Small quantities of unfit food are buried in the Council Refuse tip.

(e) *Slaughter of Animals Act, 1958.*

There were 16 licensed slaughtermen on the register at the end of the year.

(f) *Food Inspection.*

Foodstuffs condemned as unfit for human consumption were as follows :—

					lbs.	ozs.
Canned Cooked Ham	...	...	...	...	312	12
Other Cooked Meats	...	...	...	...	149	1
Vegetables...	...	...	...	...	38	3½
Canned Fruit	...	...	...	...	108	1½
Fish	...	...	...	...	1	$\frac{3}{4}$
Soups	...	...	...	...	—	10
Cheese	...	...	...	...	1	—
Various Other Canned goods	...	...	...	...	11	13¾
					622	10½

(g) *Food and Drugs Act, 1938-55.*

The numbers of food premises in the area are :—

Grocers	...	...	...	...	...	29
Fruit and Greengrocery	...	...	...	...	...	13
General Dealers	...	...	...	...	...	29
Confectioners	...	...	...	...	...	18
Snack Bars	...	...	...	...	...	4
Hotel	...	...	...	...	...	1
Fried-Fish Shops	...	...	...	...	...	13
Butchers	...	...	...	...	...	17
Bakehouses	...	...	...	...	...	9
Canteens	...	...	...	...	...	4

Routine inspections were carried out and advice given on the Food Hygiene Regulations.

(h) *Ice Cream.*

Five premises are registered under the Food and Drugs Act, 1938-55 for the manufacture of ice cream, and 60 premises are registered for its storage and sale. Five samples taken chiefly from manufacturers and submitted to the Department of Pathology, Dryburn Hospital, Durham, for bacteriological examination, provided the following results :—

Grade I      ...      ...      ...      ...      5 samples.

Visits and inspections, especially during the summer season, were made and instruction given to help in clean production.



(i) *Bakehouses.*

Improvements continue to be carried out to the 9 bakehouses in the district and the standard is improving continually.

(j) *Fish Fryers.*

13 premises are in use in the area as fried-fish shops. Details of these premises in Wards are as follows :

TABLE XX

Ward	District	No. of Premises
CENTRE ... ..	Brandon ... ..	2
EAST ... ..	Langley Moor ... ..	2
SOUTH ... ..	Meadowfield ... ..	1
	Browney ... ..	1
NORTH ... ..	New Brancepeth ... ..	1
BROOM ... ..	Broompark ... ..	1
USHAW ... ..	Ushaw Moor ... ..	1
WEST ... ..	Esh Winning ... ..	4
	TOTAL ...	13

(k) *Milk Supply.*

In 1961 the County Council became the responsible authority for the issue of milk licences. The County inspectors regularly take samples of milk in the area and consequently no sampling has been done by this authority.

By courtesy of the County Council Public Health Inspector, the following summary of results of the testing of samples is included :—

150 samples were tested, 3 proved to be unsatisfactory.

## 14. PUBLIC CLEANSING.

The collection and disposal of household, shop and factory refuse, the collection, sorting and baling of salvaged paper and cardboard is carried out by direct labour. All household refuse is cleared every even days, and in some cases, twice per week,

The majority of the population of the area are miners and concessionary coal adds to the refuse collection. Considerable amounts of stone splints are delivered with this coal which is left for the refuse collector to clear away. This increases the weight of refuse considerably with additional cost.

(a) *Staff.*

To carry out this work, 26 workmen are employed :—

1 General Chargeman.	1 Mechanic.
3 District Chargemen.	6 Driver/Fillers.
1 Labourer/Filler/Spare driver.	13 Labourer/Fillers.
1 Dozer Driver/Tip Man.	

(b) *Vehicles.*

Seven Karrier Refuse Collection Vehicles of the following capacities are in use :

2 Vehicles of 12 cubic yards.
1 Vehicle of 10 cubic yards.
4 Vehicles of 7 cubic yards.

Trailers are fitted to two of the larger vehicles for salvage collection. The large wagons have a crew of five men including a driver/filler, and the small wagons a driver/filler and labourer.

(c) *Refuse Disposal.*

All refuse is disposed of by controlled tipping at one main tip situated at Ushaw Moor. Levelling and compaction is carried out by a Bristol 25 Angle Dozer.

(d) *Sickness Benefit Scheme.*

The total number of man hours lost due to sickness was 5,410½ and the cost involved was £899. 10s. 9d.

(e) *Yearly Summary of Work Done.*

Number of premises from which refuse is collected	6,857 premises
Premises from which collections are being made at least once weekly ... ..	100% of total
Average haul, single journey, to final disposal point (including—miles by secondary transport) ...	4.5 miles

Kerbside collection expressed as estimated percentage of total collection ... .. 2%

Total refuse disposed of (of which NIL tons were disposed of for other local authorities) ... .. Estimated 16,000 tons

Methods of disposal (Salvage excluded) :

(a) Crude tipping	...	...	...	...	...	—
(b) Controlled tipping	...	...	...	...	...	100%
(c) Direct incineration	...	...	...	...	...	—
(d) Separation and incineration	...	...	...	...	...	—
(e) Other methods (state nature)	...	...	...	...	...	—
						<hr/> 100% <hr/>

(f) *Salvage Recovery.*

The following table indicates the income and expenses incurred in the collection and sales of recovered materials :

TABLE XXI

	Weights			Receipts			Expenses		
	Tons	Cwts.	Qrs.	£	s.	d.	£	s.	d.
Paper ... ..	34	18	0	319	1	4			
Scrap Metal ... ..		4	3	1	18	0			
Other Salvage ... ..		1	2	1	2	0			
	35	4	1	322	1	4			
Wages and Overhead charges ...							462	11	0
Repairs and Maintenance ...							12	4	10
Trailer Licences ... ..							36	0	0
Other expenses ... ..							56	0	5
							<hr/> £566 16 3 <hr/>		

1963—Average amount received for paper salvage—£8. 13s. 7d. per ton.

1964—Average amount received for paper salvage—£9. 4s. 7d. per ton.

(g) *Trade Refuse.*

Most of the trade refuse is collected with household refuse from shops and similar premises and an annual charge is made. Collections are made separately from three large factories and charged on a time basis.

A sum of £300. 15s. 2d. was received from charges made for this service.

15. PREVENTION OF DAMAGE BY PESTS ACT, 1949.

(a) *Vermin Control.*

78 visits were made to houses, schools, factories etc., in connection with the control and eradication of insect infestations. One serious infestation occurred in a house included in a Clearance Area. This infestation affected three other adjacent houses and urgent rehousing of the tenants and demolition of the infested properties had to be carried out. Many complaints were received of houses affected by bryobia praetiosa (clover mite). This is a most difficult mite to control but with the co-operation of your Architect's Department in forming bands of either plain earth or paved areas around affected houses ; and by spraying with suitable acaricide, much of the trouble has been overcome.

(b) *Rodent Control.*

The Public Cleansing General Foreman also acts as part-time Rodent Operator, and for the twice yearly sewer treatments is assisted by other workmen transferred to this work.

Disinfestations at private dwellinghouses are treated free of charge, but business premises are charged actual labour and materials, costs plus an administration charge.

In accordance with the Ministry of Agriculture and Fisheries instructions, maintenance treatments to the sewers were carried out during the year. A total of 222 manholes were pre-baited and poison takes were shown in 61.



The following is a summary of rodent control work carried out during the twelve months ended 31st December, 1964, as per Ministry of Agriculture, Fisheries and Food Form PDP/64.

TABLE XXII

	TYPE OF PROPERTY.				
	Non-Agricultural.				(5) Agri- cultural
	(1) Local Authority	(2) Dwelling Houses (inc. Coun- cil houses)	(3) All Other (including Business Premises).	(4) Total of Cols. (1), (2) and (3)	
Number of properties in Local Authority's District ... ..	106	6,459	1,039	7,604	61
Total number of proper- ties inspected as a result of notification ... ..	7	67	13	87	—
Number of such proper- ties found to be infested by :—					
Common rat —Major	1	—	1	2	—
—Minor	1	43	5	49	—
Ship rat —Major	—	—	—	—	—
—Minor	—	—	—	—	—
House mouse —Major	—	—	—	—	—
—Minor	2	23	8	33	—
Total number of proper- ties inspected in the course of survey under the Act ... ..	5	24	—	29	—
Number of such proper- ties found to be infested by :—					
Common rat —Major	—	—	—	—	—
—Minor	—	10	—	10	—
Ship rat —Major	—	—	—	—	—
—Minor	—	—	—	—	—
House mouse —Major	—	—	—	—	—
—Minor	—	—	—	—	—

	TYPE OF PROPERTY.				
	Non-Agricultural.				(5) Agri- cultural
	(1) Local Authority	(2) Dwelling Houses (inc. Coun- cil houses)	(3) All Other (including Business Premises).	(4) Total of Cols. (1), (2) and (3)	
Total number of proper- ties otherwise inspected (e.g. when visited pri- marily for some other purpose) ... ..	—	—	—	—	—
Number of such proper- ties found to be infested by :—					
Common rat —Major	—	—	—	—	—
—Minor	—	—	—	—	—
Ship rat —Major	—	—	—	—	—
—Minor	—	—	—	—	—
House mouse —Major	—	—	—	—	—
—Minor	—	—	—	—	—
Total inspections carried out—including re- inspections (To be com- pleted only if figures are readily available) ...	26	308	50	384	1
Number of infested properties (in Sections II, III & IV) treated by the L.A. ... ..	4	76	13	93	—
Total treatments carried out—including re- treatments. (To be com- pleted only if figures are readily available) ...	5	79	14	98	—
II Number of notices served under Section 4 of the Act :					
(a) Treatment ...	—	—	—	—	—
(b) Structural Work (i.e. Proofing) ...	—	—	5	5	—
Number of cases in which default action was taken following the issue of a notice under Sect. 4 of the Act ... ..	—	—	—	—	—

# 16. PUBLIC HEALTH INSPECTOR'S SUMMARY SUBMITTED TO DURHAM COUNTY COUNCIL FOR THE YEAR 1964.

## CLOSING AND DEMOLITION OF HOUSES.

### (a) *Formal Action.*

(i)	No. of houses demolished during year as a result of Clearance Schemes or other formal action ... ..	83
(ii)	No. of houses <i>closed</i> but not demolished as a result of formal action ... ..	115
(iii)	No. of houses in Clearance Areas and individual unfit houses demolition of which temporarily postponed ... ..	—
(iv)	No. of houses in use as temporary accommodation...	—

### (b) *Informal Action.*

(i)	No. of houses permanently discontinued as dwellings as a result of informal action and not included above ... ..	—
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## RECONDITIONING AND REPAIR.

No. of houses made fit during the year by procedure under Housing Acts (excluding temporary accommodation) or Public Health Acts :

(a)	As a result of informal action ... ..	10
(b)	By owners as a result of statutory notice ...	3
(c)	By local Authority in default of owners ...	—

## IMPROVEMENT GRANTS : HOUSING ACT, 1949.

*No. of separate houses.*

	<i>Discretionary Grants.</i>	<i>Standard Grants.</i>
(a) Applications submitted to Local Authority	24	41
(b) Applications rejected by Local Authority	Nil.	1
(c) Total number of applications approved since inception of scheme ... ..	224	287
(d) Total number of grants paid since inception of scheme ... ..	206	245

Ashpit-privies converted into water-closets ...	...	Nil.
Ash-closets converted into water-closets ...	...	6
Total number of water-closets in District ...	...	6,501
Total number of ash-closets in District ...	...	502
Total number of ash-pit privies in District ...	...	6
		<hr/>
		7,015
		<hr/>



TABLE XXIII.

The following is a summary of the number of houses, shops and business premises, licensed premises and other premises, in your district as shown in your Valuation List, 31st March, 1964 :—

Dwellinghouses	...	...	...	...	...	6,344
Shops with dwellings	...	...	...	...	...	115
Shops without dwellings	...	...	...	...	...	101
Offices	...	...	...	...	...	20
Hotels	...	...	...	...	...	1
Warehouses	...	...	...	...	...	38
Garages and Filling Stations	...	...	...	...	...	36
Lock-up Garages	...	...	...	...	...	763
Advertising Stations	...	...	...	...	...	8
Licensed Premises	...	...	...	...	...	19
Cinemas	...	...	...	...	...	3
Sports and Recreation Grounds	...	...	...	...	...	7
Clubs and Community Halls	...	...	...	...	...	30
Re-diffusion	...	...	...	...	...	1
Public Utility— Water	...	...	...	...	...	2
Gas	...	...	...	...	...	1
Electricity	...	...	...	...	...	2
Schools	...	...	...	...	...	12
Crown Properties	...	...	...	...	...	13
Hospital	...	...	...	...	...	1
Cemeteries	...	...	...	...	...	4
Sewage Disposal Works	...	...	...	...	...	8
Municipal Offices	...	...	...	...	...	4
Others (Not classified)	...	...	...	...	...	46
Industrial	...	...	...	...	...	25
Agricultural Premises	...	...	...	...	...	61
Total	...	...	...	...	...	<u>7,665</u>

(information kindly supplied by Mr. A. R. Stapleton, Treasurer)





